

U. S. Steel Gary Works - Laboratory Report Data Review e-Checklist (Tier 3)

Laboratory Report ID:		A0H110538			
Laboratory Name:	TestAmerica Ohio (Hex Cr) and PA (PCBs)	Report Package Date:	8/20/2010		
Project Name:	East Side SAP Project	Review Date:	8/22/2010		
Project Number	25366827.DV310				
Reviewer Name:	Susanne F. Seydel	No. of Environ. Splers?*	12		
Parameters:	SPLP PCBs & Hex Chromium	No. of QC Splers?	1		
Method IDs:	SW846 Methods SPLP (1312) followed by PCBs (8082) and Hexavalen Chromium (7196)				
Matrix	SLAG				
*Attach copy of lab report showing sample IDs and corresponding lab IDs.		Yes	No	N/A	Comment
Report Completeness & Sample Log-In Condition					
1	Was a signature page with appropriate authority signature provided?	X			
2	Was there a case narrative noting all known problems or anomalies?	X			(1,2)
3	Were all samples received under chain-of-custody (seals used) and within appropriate temperature?	X			
4	Were all departures from standard conditions narrated (i.e., preservation acceptable, no headspace)?	X			
5	Are all field sample IDs numbers cross-referenced to the laboratory ID numbers?	X			
6	Are all laboratory ID numbers cross-referenced to the corresponding QC data (batch IDs provided)?	X			
7	Were reference methods provided and cited appropriately?	X			
8	Were samples prepared and analyzed within holding times?			X	(1)
	Date Collected: 7/21/2010	Date Received: 7/22/2010 (TA-OH), 8/13/2010 (TA-PA)			
9	Were all soil results reported on a dry-weight basis?			X	
10	Was a percent moisture result reported for all soil and sediment samples?			X	
11	If required for the project, was supporting documentation (CLP-like) provided?	X			
12	If required for the project, were TICs reported?			X	
13	Were all MDLs and/or RLs in accordance with project DQOs & reported in the test report?	X			
14	Was justification provided for elevated RLs (e.g., non-target interferences, etc.)?			X	
15	Is there a QAPP or SAP available as a reference for the project performed?	X			
16	Are non-detects identified as ND at RL with a "U", or other?	X			
17	Are laboratory flags defined?	X			
Laboratory Method Blanks and Field Blanks					
1	Were appropriate types of laboratory method blanks analyzed?	X			
2	Were the laboratory method blanks analyzed at the appropriate frequency?	X			
3	Was the method blank free of contamination (i.e., less than the MDL or RL)?	X			
4	Did the method blank contamination affect the final results? If so, note on page 2.		X		
5	Was a trip blank required and submitted with the samples?	X			
6	Was the trip blank free of contamination (i.e., less than the MDL or RL)?			X	
7	Did the trip blank contamination affect the final results? If so, note on page 2.			X	
8	Was an equipment blank required and submitted with the samples?		X		
9	Was the equipment blank free of contamination (i.e., less than the MDL or RL)?			X	
10	Did the equipment blank contamination affect the final results? If so, note on page 2.			X	
11	Was a source water blank required and submitted with the samples?		X		
12	Was the source water blank free of contamination (i.e., less than the MDL or RL)?			X	
13	Did the source water blank contamination affect the final results? If so, note on page 2.			X	
Surrogates					
1	Were surrogates added prior to extraction for all appropriate methods?	X			
2	Were surrogate percent recoveries within laboratory control limits?	X			
3	Did the surrogate percent recoveries affect the final results? If so, note on page 2.			X	
Laboratory Control Samples					
1	Were LCS performed for all appropriate methods?	X			
2	Were LCSs spiked with appropriate list of target compounds?	X			
3	Were LCS percent recoveries within laboratory control limits?	X			
4	Did the LCS percent recoveries affect the final results? If so, note on page 2.		X		
5	If performed, were LCS Duplicate data provided?	X			
6	Were the LCS/LCSD RPD values within laboratory control limits?	X			
Matrix Spikes					
1	Were MS/MSDs required to be performed on a project sample?		X		
	Sample used/methods:				
2	Were MS/MSDs performed on a project sample selected by the laboratory?	X			
	Sample used/methods: ES-SL-SW003-07212010 (Hex Cr)				
3	Were MS/MSDs spiked with appropriate list of target compounds?	X			
4	Were MS/MSD percent recoveries within laboratory control limits?	X			
5	Did the MS/MSD percent recoveries affect the final results? If yes, narrate.			X	
6	Were the MS/MSD RPD values within laboratory control limits?	X			
7	Did the MS/MSD RPDs affect the final results? If so, note on page 2.			X	

Laboratory Report ID:		A0H110538			
Laboratory Name:	TestAmerica Ohio (Hex Cr) and PA (PCBs)	Report Package Date:	8/20/2010		
Project Name:	East Side SAP Project	Review Date:	8/22/2010		
Project Number	25366827.DV310				
Reviewer Name:	Susanne F. Seydel	No. of Environ. Sples?*	12		
Parameters:	SPLP PCBs & Hex Chromium	No. of QC Sples?	1		
Method IDs:	SW846 Methods SPLP (1312) followed by PCBs (8082) and Hexavalen Chromium (7196)				
Matrix	SLAG				
*Attach copy of lab report showing sample IDs and corresponding lab IDs.		Yes	No	N/A	Comment
Field and Laboratory Duplicates					
1	Was a field duplicate submitted with this SDG?	X			(3)
	Field Duplicate ID: ES-SL-SE003-07212010-FD				
2	Was the RPD values less than review criteria?	X			
3	Did the field duplicate RPD results affect the final results? If so, narrate.			X	
4	Was a laboratory method duplicate (MD) performed?				
	MD ID:				
5	Were the RPD values less than review criteria?				
6	Did the MD results affect the final results? If so, note on page 2.				
Other Laboratory QC Data					
1	Were internal standard data reported? (organics and inorganics by 6020)			X	
2	Were IS area counts and retention times within method required limits?			X	
3	Were data associated with manual integration flagged on the test reports?			X	
4	Did dual-column confirmation results (PCBs) meet method-required QC limits of <40% difference?		X		(4)
5	Was an interference check sample analyzed and were percent recoveries within QC limits?			X	
6	Were serial dilutions analyzed using a project sample and were the percent differences within QC limits?			X	
7	Was a CRDL check sample analyzed and were the percent recoveries within QC limits?			X	
8	Did the laboratory perform post-digestion spikes (PDS) for any metals?			X	
9	Were the PDS percent recoveries within laboratory control limits?			X	
10	Were re-analyses required for any organic results greater than the upper calibration (lab "E" flag)?			X	
Electronic Data Deliverable					
1	Was an EDD provided with the deliverable?	X			(3)
2	Was the electronic data the same as the hardcopy data?	X			

Comment No.	Description (data usability; note any estimated and/or rejected data):
1	The laboratory did not perform SPLP PCBs and SPLP hex Cr. A request was made on 8-10-10 to complete these analyses; this statement in the case narrative is incorrect. An email was sent by the PM requesting these specific analyses on 7-21-10; the laboratory mis-interpreted this request. When the SDG was received, the PM requested the analyses on 8-10-10. Also, no holding time is available for these analyses.
2	TA-North Canton shipped the samples to TA-Pittsburgh for SPLP PCB analyses. Samples -4 and -5 had the labels fall off. The analytical results cannot be confirmed. Since both samples have "ND" results, no action was required.
3	TA-North Canton shipped the samples to TA-Pittsburgh for SPLP PCB analyses. They did not provide the identification of the field duplicate to the lab. Sample -13 is the field duplicate sample. The EDD was revised to show the correct field ID.
4	The laboratory did not provide percent difference results (aka, CLP Form 10) for the positive identifications of the PCBs in samples -1, -7, -11 in the initial results. Since the second set of PCB results were all non-detect, no Form 10 was required.
5	
6	
7	
8	
9	
Signature of Validator:	 8/22/2010
Signature of Senior Review:	 8/27/2010

Attachment 1: Cross-reference of field IDs with Laboratory IDs.

Attachment 2: Final results from the USS database

SAMPLE SUMMARY

A0H110538

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L5FE1	001	ES-SL-SW003-07212010	07/21/10	08:00
L5FFT	002	ES-SL-SW002-07212010	07/21/10	08:10
L5FFV	003	ES-SL-SE004-07212010	07/21/10	08:15
L5FFW	004	ES-SL-SE003-07212010	07/21/10	08:20
L5FFX	005	ES-SL-SE002-07212010	07/21/10	08:30
L5FF0	006	ES-SL-SE001-07212010	07/21/10	08:40
L5FF1	007	ES-SL-SW001-07212010	07/21/10	08:45
L5FF2	008	ES-SL-SW004-07212010	07/21/10	08:50
L5FF5	009	ES-SL-NE003-07212010	07/21/10	09:00
L5FF8	010	ES-SL-NE004-07212010	07/21/10	09:05
L5FF9	011	ES-SL-NE001-07212010	07/21/10	09:15
L5FGA	012	ES-SL-NE002-07212010	07/21/10	09:20
L5FGD	013	ES-SL-SE003-07212010 -PD	07/21/10	08:20

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

USS_Final

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment	
OH11538	ES-SL-SW003-07212010	A0H110538001	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1254	0.94	0.24	0.38	0.086	ug/L	J	Z		No
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
OH11538	ES-SL-SW003-07212010	A0H110538001	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	U		Yes
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	Z		No
OH11538	ES-SL-SW002-07212010	A0H110538002	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	U		Yes
OH11538	ES-SL-SW004-07212010	A0H110538003	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment
OH11538	ES-SL-SE004-07212010	A0H110538003	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U	Yes
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z	No
OH11538	ES-SL-SE004-07212010	A0H110538003	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	U	Yes
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	Z	No
OH11538	ES-SL-SE003-07212010	A0H110538004	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	U	Yes
OH11538	ES-SL-SE002-07212010	A0H110538005	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U	Yes
OH11538	ES-SL-SE002-07212010	A0H110538005	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z	No
OH11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U	Yes
OH11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z	No

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment	
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-SE002-07212010	A0H110538005	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-SE001-07212010	A0H110538006	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment	
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1254	0.94	0.24	0.38	0.086	ug/L	J	Z		No
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-SW001-07212010	A0H110538007	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-SW004-07212010	A0H110538008	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment	
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-NE003-07212010	A0H110538009	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-NE004-07212010	A0H110538010	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1254	0.94	0.10	0.38	0.086	ug/L	J	Z		No

SDG	Site Samplet ID	Lab Sample ID	F	Analytical Method	Parameter	Dilution	Result	RL	MDL	Units	Lab Qualifier	Final Qualifier	Comment	
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-NE001-07212010	A0H110538011	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1016	0.94	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1221	0.94	0.38	0.38	0.094	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1232	0.94	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1242	0.94	0.38	0.38	0.070	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1248	0.94	0.38	0.38	0.085	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1254	0.94	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-NE002-07212010	A0H110538012	P	8082	Aroclor 1260	0.94	0.38	0.38	0.051	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	C	7196A	CR, Hexavalent	1	0.02	0.02	0.002	mg/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1016	0.95	0.38	0.38	0.096	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1221	0.95	0.38	0.38	0.095	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1232	0.95	0.38	0.38	0.11	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1242	0.95	0.38	0.38	0.071	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1248	0.95	0.38	0.38	0.086	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	U		Yes
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1254	0.95	0.38	0.38	0.087	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	Z		No
0H11538	ES-SL-SE003-07212010-FD	A0H110538013	P	8082	Aroclor 1260	0.95	0.38	0.38	0.051	ug/L	U	U		Yes